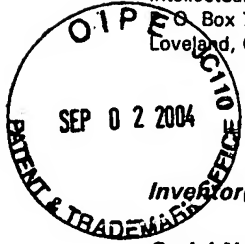


AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P.O. Box 7599  
Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10020708-1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Zohar Yakhini et al.

Serial No.: 10/825,893

Examiner:

Filing Date: April 16, 2004

Group Art Unit:

Title: Method and System for Normalization of Microarray Data

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (a) ☒ Under 37 CFR 1.97(b).  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first Office action on the merits; whichever occurs last).
- (b) ☐ Under 37 CFR 1.97(c) together with *either* a:  
☐ Statement under CFR 1.97(e), or  
☐ \$180.00 fee under 37 CFR 1.17(p).  
(After the CFR 1.97(b) time period, but before a final action or notice of allowance, whichever occurs first).
- (c) ☐ Under 37 CFR 1.97(d) together with: a  
Statement under 37 CFR 1.97(e), *and*  
\$180.00 fee as set forth in 37 CFR 1.17(p).  
(After a final action or notice of allowance, whichever occurs first, but before payment of the issue fee).

☐ STATEMENT UNDER 37 CFR 1.97(e)

The undersigned certifies that:

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement, *or*
- ☐ No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

☐ PRIOR APPLICATIONS

References identified with an asterisk (\*) in the enclosed PTO Form 1449, were disclosed in prior Patent Application No. , filed , now U.S. Patent No. , and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☐ FOREIGN LANGUAGE DOCUMENTS

A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

☒ **FEE AUTHORIZATION**

Please charge to Deposit Account **50-1078** the sum of \_\_\_\_\_. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

I hereby certify that this correspondence is being deposited with the United States Postal Service as:

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Date of Deposit: August 30, 2004 **OR**

☐ I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Date of Facsimile:

Typed Name: Joanne Bourguignon

Signature: 

Respectfully submitted,  
Zohar Yakhini et al.

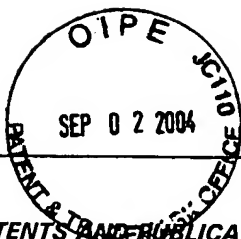
By 

Robert W. Bergstrom  
Attorney/Agent for Applicant(s)

Reg. No. 39,906

Date: August 30, 2004

Telephone No. 206.621.1933



Form PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

**ATTORNEY DOCKET NO.**

10020708-1

**SERIAL NO.**

10/825,893

**APPLICANT**

Zohar Yakhini et al.

**FILING DATE**

April 16, 2004

**GROUP**

**REFERENCE DESIGNATION**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME

**FOREIGN PATENT DOCUMENT**

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION YES NO	

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

		Fredman, Michael L., "On Computing the Length of Longest Increasing Subsequences*", March 14, 1974, Discrete Mathematics 11, pp. 29-35
		Ulam, S.M., "Some Ideas and Prospects in Biomathematics", 1972, Annual Review of Biophysics and Bioengineering, pp. 277-292
		Aldous, David, and Diaconis, Persi, "Longest Increasing Subsequences: From Patience Sorting to the Baik-Deift-Johansson Theorem", 199, Bull. Amer. Math. Soc. Vol. 36, Number 4, pp. 413-432

**EXAMINER**

**DATE CONSIDERED**

Form PTO-1449

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**GROUP****REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

<b>EXAMINER INITIAL</b>	<b>*</b>	<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>

**FOREIGN PATENT DOCUMENT**

		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>TRANSLATION</b>	
					<b>YES</b>	<b>NO</b>

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	Baik, Jinho et al., "On the Distribution of the Length of the Longest Increasing Subsequence of Random Permutations", Technical Report Math. CO/9810105, 1999, Math Archive, J. Amer. Mth. Soc., Vol. 12, pp. 1119-1178
	Ho, Michael et al., "Identification of endothelial cell genes by combined database mining and microarray analysis", 2003, Physiological Genomics, 13(3);pp. 249-62
	Schadt, EE., et al., "Feature Extraction and Normalization Algorithms for High-Density Oligonucleotide Gene Expression Array Data" 2001, Journal of Cellular Biochemistry, pp. 120-125

**EXAMINER****DATE CONSIDERED**

<b>Form PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  <i>(Use several sheets if necessary)</i>	<b>ATTORNEY DOCKET NO.</b> 10020708-1	<b>SERIAL NO.</b> 10/825,893
	<b>APPLICANT</b> Zohar Yakhini et al.	
	<b>FILING DATE</b> April 16, 2004	<b>GROUP</b>

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS		
EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME

FOREIGN PATENT DOCUMENT					
		DOCUMENT NUMBER	DATE	NAME	TRANSLATION YES NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)		
		DeRisi, Joseph L., et al., "Exploring the Metabolic and Genetic Control of Gene Expression on a Genomic Scale", 1997, Science, pp. 680-686

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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